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COMMAX

Blooming Life
HomeNetwork

Color Video Door Phone

Model No. : CDV-50P/50PD

COMMAX

Blooming Life, HomeNetwork

COMMAX Co., Ltd.

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COMMAX Co., Ltd.

- Thank you for purchasing COMMAX products.
- Please carefully read this User's Guide (in particular, precautions for safety) before using a product and follow instructions to use a product exactly.
- The company is not responsible for any safety accidents caused by abnormal operation of the product.

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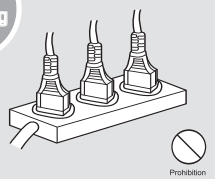
Warnings and cautions

◎ Make sure to follow the instructions to prevent any danger or property losses.

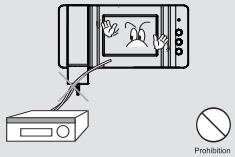
Warning Death or serious injury is expected.

- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.

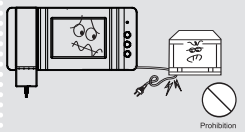
Warning



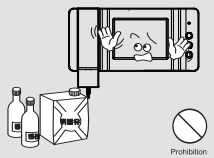
Do not put the plug in the socket simultaneously.
It may generate abnormal heat or cause a fire.



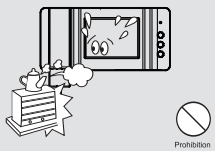
Do not connect to other products while in use.
It may cause breakdown.



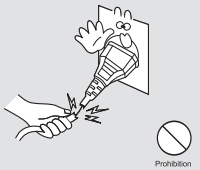
Do not forcibly bend the cord or put a heavy object on the product.
It may cause a fire.



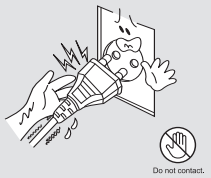
Do not use water, thinner or a detergent used to wash oil products when you wash the exterior.
Make sure to wash it by using a dry cloth to prevent any breakdown or electric shock.



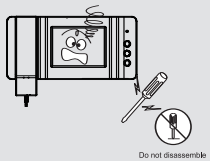
Do not install the product in a humid place.
It may cause an electric shock or a fire.



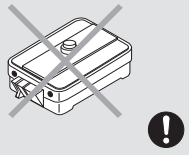
Do not forcibly pull out the cord from the socket.
If the cord is damaged, it may cause a fire or an electric shock.



Do not put the plug in the socket with a wet hand.
It may cause an electric shock.



Do not disassemble, repair or modify the product.
It may cause a fire, an electric shock or an injury due to malfunction of the product.



Do not use AC circuit breaker.
It may cause an electric shock.

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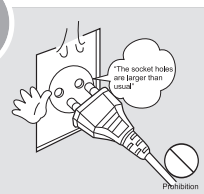
Warnings and cautions

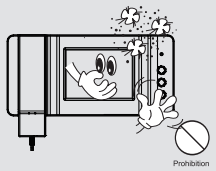
Caution An injury or property losses are expected

- It indicates prohibition.
- It indicates prohibition of disassembly.
- It indicates prohibition of contact.
- It indicates dos and don'ts.
- It indicates that the plug should be pulled out from the socket.

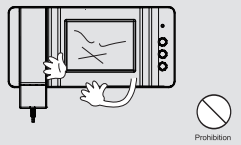
Caution



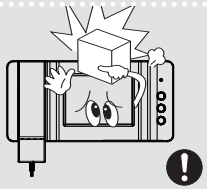
If the socket holes are larger than normal, do not put the plug.
It may cause an electric shock or a fire.



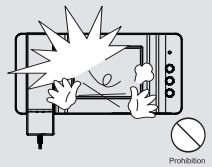
Make sure that dust or foreign substances are not gathered on the product.



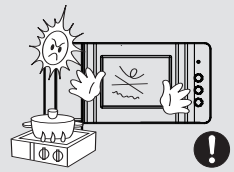
Make sure to prevent foreign substances from entering the product.
It may cause a breakdown.



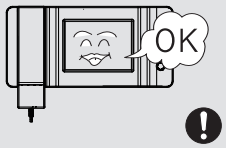
Do not put a heavy object on the product.
It may cause a breakdown.



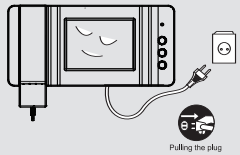
Do not disassemble or give an impact to the product.



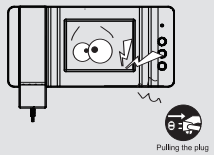
Avoid direct rays of the sun or heating devices at a time of installation.



Install the product in a flat and stable place.
Otherwise, it may not function properly.



Pull the plug if the product is not used for a long time.



If the product generates strange sound, make sure to pull the plug immediately and contact Commax service center.

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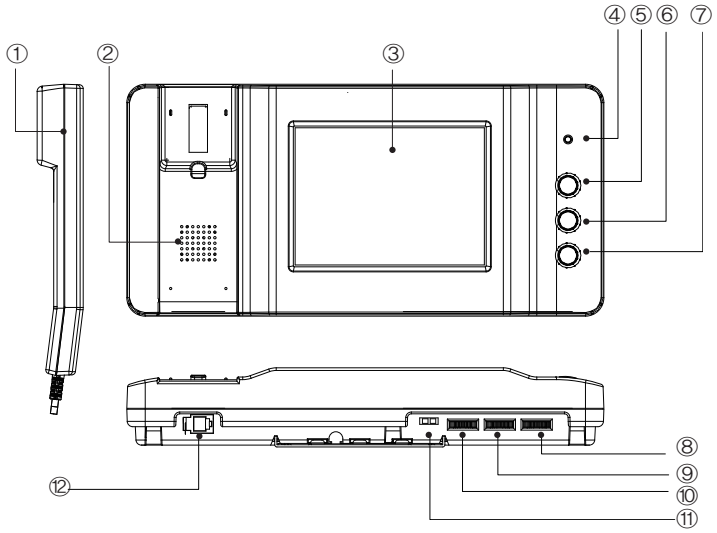
1. Part names and functions



No.	Part name	Function description
1	Handset	The phone's handset receiver
2	Speaker	It delivers voice from a visitor
3	Screen	Check visitor's image
4	Power LED	Power status and door camera indication
5	Monitor button	View screen by door cameras
6	Interphone button	Talk to a interphone
7	Door open button	Open the door
8	Hue control dial	Adjust the hue of the screen
9	Bright adjust dial	Adjust the brightness of the screen
10	Volume control dial	Adjust of incoming call
11	Power on/off switch.	Turn on / off switch
12	Handset connection jack.	Plug in handset to this jack after installing the monitor

2. Operating description

1. Visitor Calls

1) Talk to a visitor from a door camera

① When a call is made by a door camera, you can hear its chime sound and see visitor's picture from a monitor.
If there is an interphone connected, you can talk to the visitor through it as well.
Also three communications are available with a monitor, an interphone and a door camera on one line.
② Pick up the handset if you wish to talk.
Talk duration lasts for 90 seconds, press the "Monitor " button if you wish to continue to talk
③ Press the "Open " button to release the door.
④ Hang up the handset to end the talk.

2) Talk to a visitor from the second door camera while you talk to the first door camera

① The talk with the first door camera ends up automatically.
② The screen switches to display the visitor from the second door camera and starts to talk with power LED in the orange color.
③ If you wish to talk back to the first door camera, press the "Monitor " button.

2. Interphone

. Press the "Interphone◎" button to call to a interphone.
. The interphone rings, pick up the phone to talk.

3. Monitoring the door entrance for security

- You can monitor the door entrance by pressing the "Monitor " button even if there is no call.
- If there is somebody you see through the screen, you can talk with him or her through the handset.
- Press "Monitor " button again to switch to the other door camera to monitor. Power LED color will be changed.

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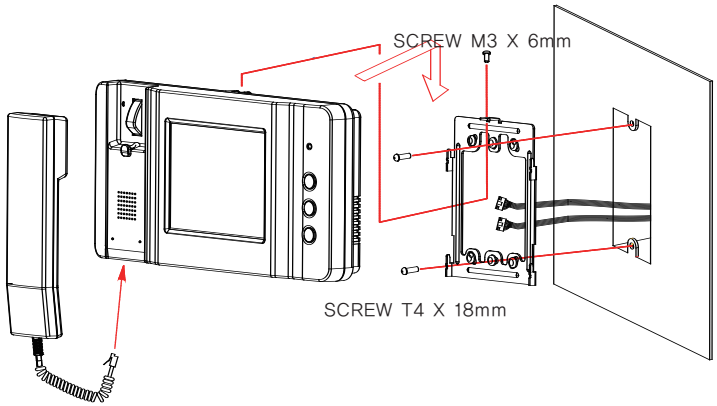
3. Installation

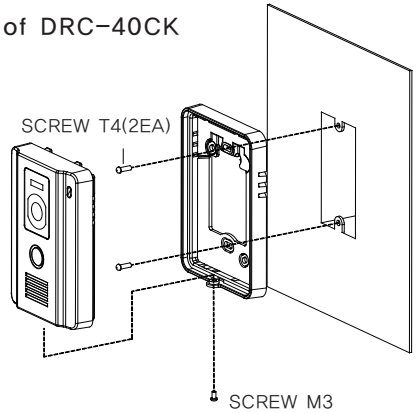
▷ Installation of CDV-50P/50PD



✳ Note

- Do not install near magnetic activity, humid temperatures, extreme heating conditions and under direct sunlight as these may damage the condition and performance of the product.
- The position of the unit's body should fit the standard height range. (Recommended height rangen is 1450~1500mm)

▷ Installation of DRC-40CK



✳ Note

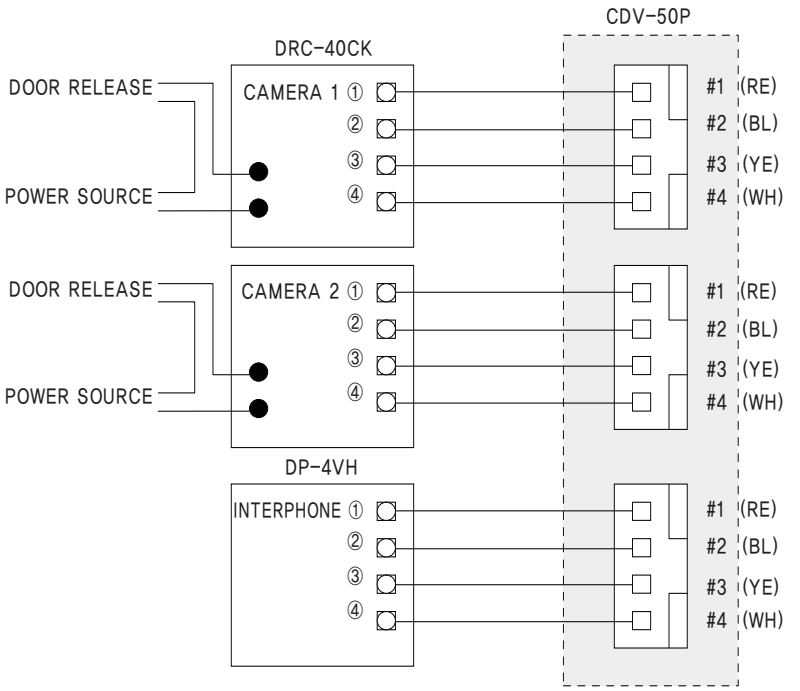
- For the clearest picture quality, do not install a door camera under area that has a strong source of reflective light.
- Please keep cleaning its lens for the clearest pictures.

4. Wiring

▷ Polarity of the camera connection.

1. Red : Talk
2. Blue : GND
3. Yellow : Power(+12V)
4. White : Video

CDV-50P



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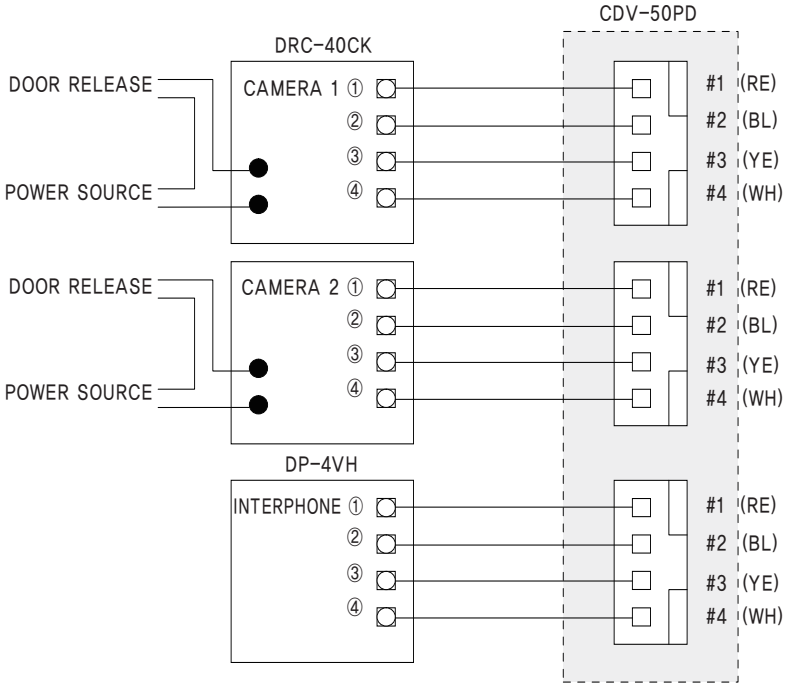
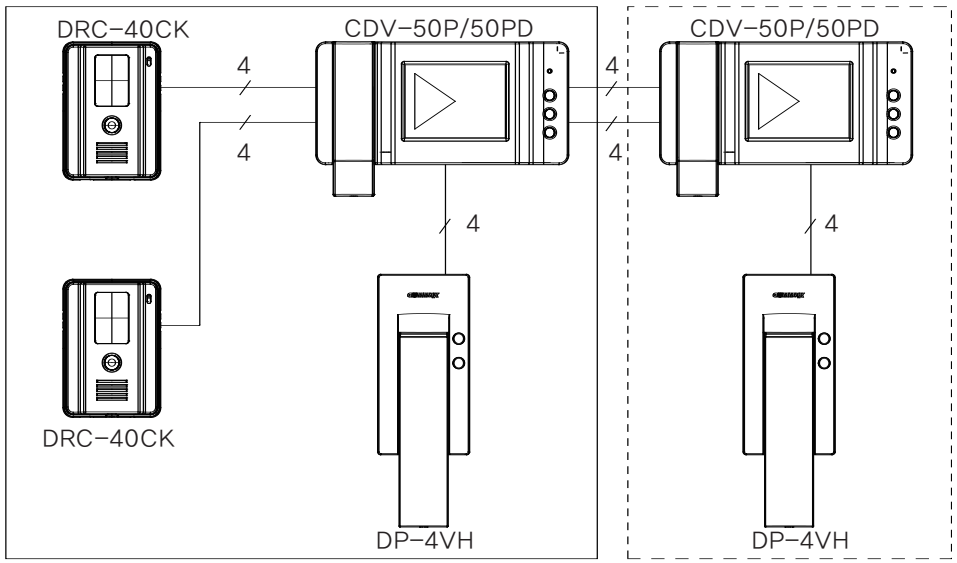
CDV-50PD



* Note

1. Please be careful for mis-wiring and mis-cabling which may cause a short circuit between wires, or the malfunction of the product.
2. Please power off when connecting a monitor (CDV-50P/50PD) to a door camera. (DRC-40CK)

5 . Diagram



* Extendable

* When an addtionanl monitor and an interphone connection is added to this system, this might affect audio and video quality.

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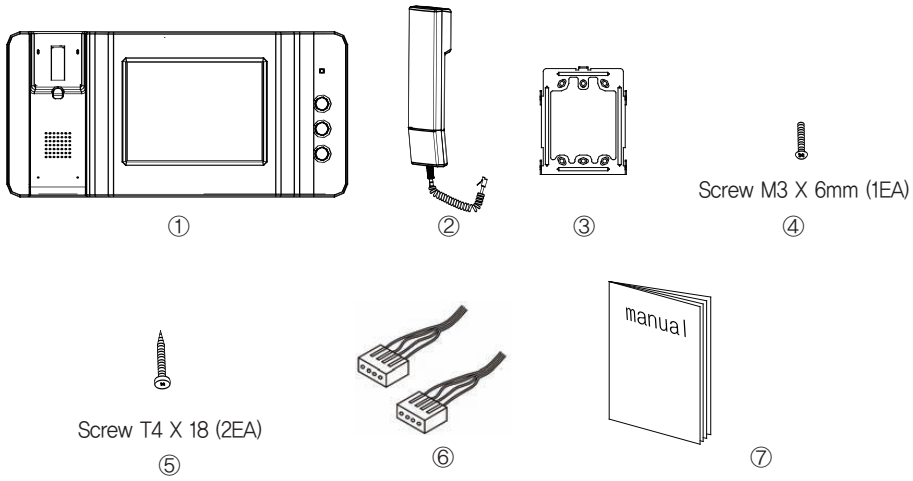
6. Package contents



① Monitor 1EA
② Handset 1EA
③ Wall bracket for monitor 1EA
④ Monitor fixing screw 1EA
⑤ Wall bracket mounting screw . . .2EA
⑥ Connector(4P) 2EA
⑦ Manual 1EA

7. Specification

CDV-50P

Item	CDV-50P
Rated Voltage	AC100~240V, 50/60Hz
Power Consumption	Operating : 15W
Wiring	4 wires with a door camera (Polarity) 4 wires with an interphone(Polarity)
Screen Size	Color 5″ TFT LCD
Transmission Way	Full duplex (Handset)
Call Sound	From a door camera : Electric chime, From an interphone : “Beep”
On - Screen Duration	90 ± 20sec
Distance from Camera	28m(Φ0.5) / 50m(Φ0.65) / 70m(Φ0.8) 115m(Φ1)
Operating Temperature	0 ~ +40℃ (32°F ~ 104°F)
Weight	2Kg
Dimension(mm)	258(W)× 159(H)× 51(D)

CDV-50PD

Item	CDV-50PD
Rated Voltage	DC17~30V, 1A
Power Consumption	Operating : 14.2W(Max.)
Wiring	4 wires with a door camera (Polarity) 4 wires with an interphone(Polarity)
Screen Size	Color 5″ TFT LCD
Transmission Way	Full duplex (Handset)
Call Sound	From a door camera : Electric chime, From an interphone : “Beep”
On - Screen Duration	90 ± 20sec
Distance from Camera	28m(Φ0.5) / 50m(Φ0.65) / 70m(Φ0.8) 115m(Φ1)
Operating Temperature	0 ~ +40℃ (32°F ~ 104°F)
Weight	2Kg
Dimension(mm)	258(W)× 159(H)× 51(D)

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